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8 – Example color ... This image has 1400x1024 pixels originally in linear

queiroz.lab.unb.br/papers/ei99mrc.pdf

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... entries are as follows: {default} = original worm path ... MS01-020 -'Incorrect MIME

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www.virusbtn.com/magazine/archives/pdf/2003/200302.pdf

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  - ... a full or update sysgen, gather the following information: Laser image alignment

coordinates ... on the disks, except for the MBAIS and bad block files, are ... www.xerox-techsupport.com/lps/custdocs/Lsysg180.pdf - More pages from this site

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www.fml.org/software/fml/RELEASE NOTES.html

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ccwww.kek.jp/kek/cc/mailsys/PostKEK/MailingList/mlist-guide/fmlmanuals/RELEASE NOTES.html

6. Reactive Data Structures for Geographic Information Systems (POSTSCRIPT) 堕

... that it basically deals with digital images and not ... For example, a satellite image

may be projected on a ... The city block distance function might be used

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because ...
www.gdmc.nl/oosterom/thesis.ps

7. <u>EVOLVABLE ROBOTS, UNIVERSAL DECISION DIAGRAMS, QUANTUM</u> (POSTSCRIPT) <sup>¹</sup>

.... 141. 6.2.1 The **Header** of the Atom . . . . . . . 247 22.16**Image** Processing .

We emphasize complete designs, not pieces. Therefore FSMs, and larger **blocks**. ...

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# 1 Novel error concealment techniques for images in ATM environments

Hasan, M.; Sharaf, A.; Marvasti, F.;

Acoustics, Speech, and Signal Processing, 1998. ICASSP '98.

Proceedings of the 1998 IEEE International Conference on , Volume: 5, 12-15 May 1998

Pages:2833 - 2836 vol.5

**IEEE CNF** [Abstract] [PDF Full-Text (348 KB)]

# 2 Subimage error concealment techniques

Hasan, M.; Sharaf, A.; Marvasti, F.; Circuits and Systems, 1998. ISCAS '98. Proceedings of the 1998 IEEE International Symposium on , Volume: 4 , 31 May-3 June 1998 Pages: 245 - 248 vol.4

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# Subimage error concealment techniques

Hasan, M. Sharaf, A. Marvasti, F.

Dept. of Electron. Eng., London Univ., UK;

This paper appears in: Circuits and Systems, 1998. ISCAS '98. Proceedings of the 1998 IEEE International Symposium on

Meeting Date: 05/31/1998 - 06/03/1998 Publication Date: 31 May-3 June 1998

Location: Monterey, CA USA On page(s): 245 - 248 vol.4

Volume: 4

Reference Cited: 11

Number of Pages: 6 vol. (xlv+603+489+674+615+557+656)

Inspec Accession Number: 6021174

# **Abstract:**

**Images** transmitted via ATM networks suffer from quality degradation due to buffer overflow or cell header errors which cause ATM cells to be lost. This paper presents a new approach to conceal the errors in the received **images** by the application of novel error recovery techniques to the **decomposed** DCT-coefficient subimages of the corrupted **image**. These techniques were developed to recover images corrupted by impulsive noise. Since decomposing the corrupted image into the DCTcoefficient subimages generates low resolution **images** corrupted by impulsive noise, all the techniques used to recover images corrupted by impulsive noise can be used to recover the subimages and hence the corrupted **image**. In this paper, we study the performance of different iterative and non-linear techniques to recover the corrupted subimages. The quality of the recovered **image** using these techniques is better than the quality obtained by many classical error concealment techniques

### **Index Terms:**

asynchronous transfer mode discrete cosine transforms image enhancement image sampling iterative methods ATM networks DCT-coefficient subimages buffer overflow cell header errors corrupted image error recovery techniques impulsive noise iterative techniques low resolution images nonlinear techniques quality degradation subimage error concealment techniques

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5	⊠		US 20030053 6 A	370 2003	30320	28	Image encoder engine for medical imaging applications, has block encoder to encode decomposed image blocks of input image into encoded image blocks which are ordered into data file	

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